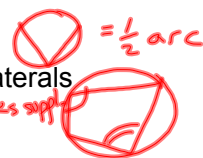


Chapter 10 Test
Tomorrow

- 10.1 Terminology
Circumference $C = 2\pi r$
- 10.2 Central angles $\angle = \text{arc}$
arcs
congruent arcs \cong
***arc length $l = \frac{\text{deg}}{360} 2\pi r$
- 10.3 congruent chords have congruent arcs
perpendicular radius and chord
right triangles
inscribed polygons



- 10.4 Inscribed angles $\angle = \frac{1}{2} \text{arc}$
inscribed quadrilaterals
 $\text{opp} \angle \text{s supp}$
- 10.5 Tangents
perpendicular
congruent from same point
right triangles
Tangent and chord
- 10.6 Inside angles $= \frac{1}{2} \text{sum}$
Outside angles $= \frac{1}{2} \text{diff}$



- 10.7 Segment lengths
two chords $ab = cd$
- two secants $\text{whole} \cdot \text{ext} = \text{whole} \cdot \text{ext}$
- secant and tangent $\text{whole} \cdot \text{ext} = \text{tan}^2$



- 10.8 Equation

$$r^2 = (x-h)^2 + (y-k)^2$$

$C(h, k)$